

## 5-11: FPO FLOOD PLAIN OVERLAY ZONE

### H. SPECIAL REQUIREMENTS

#### 1. Plans

In addition to the plans required by zoning section 7-6, any application for a permit and certification shall include:

- a. The elevation in relation to mean sea level of the lowest floor, including basement floor elevation, of all structures to be permitted.
- b. The elevation in relation to mean sea level to which any structure has been flood proofed.
- c. A statement of the nature of any flood proofing methods used and a certification by a professional engineer or architect who is licensed to practice in the State of Utah that the flood proofing methods used meet the flood proofing criteria of zoning section 5-11.
- d. A description of the extent to which any watercourse will be altered or relocated as a result of proposed development.
- e. A descriptive scale drawing showing the nature, location, dimensions, and elevations of the area to be developed or built on, and the nature and locations of existing and proposed structures on the site, fill, storage of materials, and drainage facilities.
- f. The location, in relation to the proposed development, of the floodway expanse needed to discharge a base flood, and a statement of the vertical increase in elevation during a base flood caused by the proposed development.
- g. A copy of the 404 permit, when such permit is required under the Federal Water Pollution Control Act Amendments of 1972, and copies of other permits that may be required under Federal or Utah State law, or a statement certifying that no 404 permit is required.

#### 2. Certification by Engineer

A plan received according to subpart 1 immediately above shall bear on it the certification of an engineer licensed to practice in the State of Utah that the requirements and standards of the flood plain zone have been met.

Notwithstanding such certification, the plans and certification (along with the records for base flood elevation and floodways collected under zoning section 5-11-H-3, below) shall be reviewed by the Zoning Administrator to determine whether the requirements of this ordinance actually have been met before any clearance to commence construction is issued.

**Exception:** The Zoning Administrator may waive such for a residential accessory structure or a structure to house livestock or agricultural products or machinery if he finds the plans are sufficient to determine the structure meets the standards of zoning section 5-11.

#### 3. Records

The Zoning Administrator shall maintain any base flood elevation data for the unincorporated area of Utah County he obtains from a federal, state or other reliable source, in addition to the Flood Insurance Study, the FIRM map, and the Floodway Map, and shall consider such information when processing applications for any portion of the unincorporated area of Utah County for which base flood information has not been provided by the Federal Emergency Management Agency in its flood insurance program.

Further, the Zoning Administrator shall:

- a. Obtain and record the actual elevation in relation to mean sea level of the lowest floor including basements of all new or substantially improved structures and identify which stories are in basements.
- b. Maintain the engineer's flood proofing certifications required in zoning section 5-11-H-l-c and verify and record the actual elevation (in relation to mean sea level) to which the structure has been flood proofed.
- c. Maintain all records collected in the issuing of permits and administering zoning section 5-11.

#### 4. Maps and studies adopted by reference

The following three publications of the Federal Emergency Management Agency are hereby adopted by reference in book form: the "Flood Insurance Study, Utah County, Utah, Unincorporated Areas", the "FIRM Flood Insurance Rate Map, Utah County, Utah", and the "Floodway Flood Boundary and Floodway Map, Utah County, Utah". Three copies of each publication are hereby ordered to be placed in the office of the Utah County Clerk, as required by law. These publications shall be used in the administration of the FPO Zone as required therein and shall be the most current publications that have been accepted by Utah County.

#### 5. Altered watercourses

The Zoning Administrator shall give notification to adjacent municipalities and the Utah State Division of Water Resources prior to any alteration or relocation of a watercourse, and submit evidence of such notification to the Federal Emergency Management Agency. Further, such altered or relocated watercourse shall be required to be maintained by the applicant so the flood carrying capacity is not diminished.